

media message (or enclosure file). If an audio file (files) exists, the audio file (files) is extracted and sequentially (or according to the rule set in the controller) inserted into the generated slides (except for the slide including the video file).

[0042] When the second layout is made through the step S50, the controller inserts the second layout to an end portion of the first layout as shown in FIG. 4, and performs presentation on the multimedia message and the enclosure file according to the first and second layout.

[0043] FIG. 3 illustrates an exemplary presentation of a Multipart.related type message in accordance with the present invention.

[0044] A case of receiving a multimedia message (e.g., Multipart.mixed type message) which does not have a SMIL document will now be described with reference to FIG. 3.

[0045] When a multimedia message is received by a mobile communications terminal, a controller of the mobile communications terminal discriminates a type of the multimedia message (steps S10 and S20). If the received multimedia message is the Multipart.mixed type, the controller makes a layout of the received message according to the default layout making rule (step S80).

[0046] For the sake of explanation, the layout making process (step S80) will now be described in detail with the assumption that the received multimedia message includes two image files, two audio files and three text files. However, it can be clearly understood that other combinations for a multimedia message are possible.

[0047] First, the controller generates slides corresponding to the number of image files included in the multimedia message, namely, two slides, and inserts the image files to each slide.

[0048] Next, the controller extracts the three text files from the multimedia message and sequentially (or according to the rule set in the controller) inserts two text files into a text region of the two slides. And then, the controller additionally generates one slide made up of only a text region and inserts the remaining one text file therein.

[0049] Thereafter, the controller extracts the audio files from the multimedia message and sequentially (or according to the rule set in the controller) inserts it into the three slides. In this case, only two audio files are inserted into each slide, so no audio file is inserted into the third slide (the additionally generated slide).

[0050] When the layout is completely made through the step S80, the controller performs a presentation of the received multimedia message according to the formed layout.

[0051] As so far described, the method for presenting a multimedia message in accordance with the present invention has the following advantages.

[0052] That is, a layout rule is proposed for presentation of a multimedia message without an SMIL document so that the multimedia message (e.g., Multipart.mixed type multimedia message, etc.) or an enclosure or attachment file (e.g., an enclosure file of Multipart.related type message, etc.) can be displayed in a slide format (slide show) although it does not have the SMIL document.

[0053] The foregoing embodiments and advantages are merely exemplary and are not to be construed as limiting the present invention. The present teaching can be readily applied to other types of apparatuses. The description of the present invention is intended to be illustrative, and not to limit the scope of the claims. Many alternatives, modifications, and variations will be apparent to those skilled in the art. In the claims, means-plus-function clauses are intended to cover the structure described herein as performing the recited function and not only structural equivalents but also equivalent structures.

What is claimed is:

1. A method for presenting a multimedia message comprising:

receiving a multimedia message and checking whether a Synchronized Multimedia Integration Language document is included in the received multimedia message;

forming a layout of the received message according to a rule set in a controller if the received message does not have the Synchronized Multimedia Integration Language document; and

presenting contents of the message according to the formed layout.

2. The method of claim 1, wherein the received multimedia message is a Multipart.mixed type message.

3. The method of claim 1, wherein the rule set in the controller comprises:

generating slides corresponding to the number of images included in the received message and inserting each image to each slide;

inserting text data included in the received message into the generated slides; and

inserting audio data included in the received message into the generated slides.

4. The method of claim 3, wherein if the received message includes video data, the controller additionally generates slides corresponding to the number of video data and inserts each video data to each slide.

5. The method of claim 4, wherein the controller preferentially inserts the text data into a slide of an image.

6. The method of claim 3, wherein if there are more text data than the slides, a slide having only a text region is additionally generated, into which the text data is inserted.

7. The method of claim 3, wherein the slide includes an image/video region and a text region.

8. The method of claim 3, wherein the controller does not insert the audio data into the slide of the video.

9. A method for presenting a multimedia message comprising:

receiving a multimedia message and making a layout of the received message according to what a Synchronized Multimedia Integration Language document of the received message defines;

checking whether the received message has an enclosure file;

if the received message has an enclosure file, forming a layout of the enclosure file according to a rule set in a controller and inserting such into a layout of the received message; and